

1 COMPLAINANTS' EXHIBIT No. 183. James D. Maher, Commissioner.

Joseph A. Deghué, Ph. D.
Frederic D. Bell.
Harry E. Bramley.
Herbert D. Pease, M. D.

Lederle Laboratories,
39-41 West 38th Street, New York City.

No. —.

Directions for Collecting Oysters for Bacteriological Examinations.

Select twelve (12) or more oysters, preferably three or more years old, from each bed to be tested.

Pack the twelve (12) or more oysters from each bed in the shell in a paper ice-cream or bulk oyster box.

Mark each box with the bed number.

Fill out information blank, put in envelope and attach to box containing corresponding bed sample.

Pack paper boxes containing oysters in wooden box with excelsior.

Ship samples by express as soon as possible after collection. Do not lay down or float oysters before shipment or allow them to come in contact with dirt or other material.

If the sample is to arrive at the laboratory within thirty-six (36) hours during the winter season no ice is necessary. Ice is not necessary if sample is to arrive within twenty-four (24) hours at any season.

Directions for Collecting Water for Bacteriological Examinations.

The utmost care must be taken that the fingers do not come in immediate contact with the stopper or neck of the bottle. Loosen the edges of the tinfoil from the neck of the bottle. Grasp the stopper, still covered by the tinfoil, in the left hand and the bottle below the neck with the right and gently remove the stopper. If the latter sticks it can be loosened by a slight tap on the edge of the stopper.

Under no condition should the part of the stopper not covered with tinfoil, be allowed to come in contact with anything.

Plunge the bottle rapidly below the surface to avoid surface scum; get it completely full and withdraw quickly.

If the sample is taken from a shallow source, avoid disturbing the sediment at edges or bottom.

Empty out a small portion of the water, so as to leave a small

space in the bottle for expansion. Return the stopper and press the edges of the tinfoil around the neck of the bottle.

Place in the mailing case. The shipping case contains sawdust. This box should be filled with cracked ice mixed with the sawdust and the cover put on tightly.

The shortest possible time should elapse between sampling and shipping by express.

2 Lab. No. —. Section No. —. Bed No. —.

Information Relating to Sample of Oysters Submitted for Analysis.

(To be filled in by person taking samples.)

Date of Collection, — —, —.

Collected by, — —.

Description of source, —.

General location of bed, —.

Hour of Collection, —.

(Give name of bay, harbor, cove, pond, river or creek in which bed lies and name of town in case of an inside bed.)

Official designation of bed including number, etc. —.

Give distance from nearest point on shore or from light-house or charted buoy and state compass direction from locating point. —.

State whether bed lies near mouth of a river or creek. —.

Depth of water over bed, —.

Kind of bottom—hard or soft, —.

Wind—direction, —.

Tide, —.

Sand, Clay or Mud, —.

Velocity—strong or light, —.

Weather, —.

After filling out blank, place in envelope and attach to box containing oysters from corresponding bed.

COMPLAINANTS' Ex. No. 184. James D. Maher, Commissioner.

Water Samples.

Section 14, Bed 490.

Date.	Time Collected.	Date.	Time Collected.
9/23/11	5.15 a. m.	6 /3/12	
10/11/11		6 /7 /12	
10/21/11		6/11/12	
11/ 4/11		6/17/12	
11/15/11		6/25/12	
11/23/11	9.15 a. m.	7/ 2/12	
12/ 2/11	7.45 a. m.	7/ 9/12	
12/ 9/11		7/16/12	
12/16/11		7/24/12	
4/ 2/12		7/30/12	
4/ 4/12		8/ 6/12	
4/10/12		8/14/12	
4/12/12		8/20/12	
4/12/12		8/28/12	
4/16/12	5.30 p. m.		
4/19/12			
4/22/12			
4/28/12			
4/29/12			
5 /2/12			
5/ 6/12			
5/10/12			
5/14/12			
5/16/12			
5/21/12			
5/24/12			
5/27/12			
5/31/12			

COMPLAINANTS' EX. No. 185. James D. Maher, Commissioner.

Oysters.

Section 14, Bed 490.

Date.	Time Collected.	Date.	Time Collected.
8/ 1/10		5/14/12	
9/14/10		5/16/12	
5/ 6/10		5/21/12	
8/28/11	7.15 a. m.	5/24/12	
9/ 9/11	9.15 a. m.	5/27/12	
9/23/11	5.15 a. m.	5/31/12	
10/11/11	11.20 a. m.	6/ 3/12	
10/21/11	8.30 a. m.	6/ 7/12	
11/ 4/11	6.20 a. m.	6/11/12	
11/15/11	10.30 a. m.	6/17/12	
11/23/11	9.15 a. m.	6/25/12	
12/ 2/11	7.45 a. m.	7/ 2/12	
12/ 9/11	9.15 a. m.	7/ 9/12	
12/16/11	4.15 a. m.	7/16/12	
3/28/12		7/24/12	
4/ 2/12		7/30/12	
4/ 4/12		8/ 6/12	
4/10/12		8/14/12	
4/12/12		8/20/12	
4/16/12	5.30 p. m.	8/28/12	
4/19/12	8 a. m.		
4/22/12	12.30 p. m.		
4/25/12	10.20 a. m.		
4/29/12	11.30 a. m.		
5/ 2/12			
5/ 6/12	7 a. m.		
5/10/12	10 a. m.		

COMPLAINANTS' EX. No. 186. James D. Maher, Commissioner.

Water.

Section 14, Bed 924.

Date.	Time Collected.
9/23/11	5.30 a. m.
10/11/11	
10/21/11	
11/ 4/11	
11/15/11	
11/23/11	9 a. m.
12/ 2/11	7.30 a. m.
12/ 9/11	
12/15/11	

COMPLAINANTS' EX. No. 187. James D. Maher, Commissioner.

Oysters.

Section 14, Bed 924.

Date.	Time Collected.
9/14/10	
9/14/10	
5/ 6/11	
8/28/11	7 a. m.
8/28/11	7 a. m.
8/28/11	7 a. m.
9/ 9/11	9 a. m.
9/23/11	5.30 a. m.
10/11/11	11.15 a. m.
10/21/11	7.30 a. m.
11/ 4/11	5.30 a. m.
11/15/11	10.15 a. m.
11/23/11	9 a. m.
12/ 2/11	7.30 a. m.
12/ 9/11	9 a. m.
12/16/11	4 a. m.

THE PEOPLE OF THE STATE OF NEW YORK,
COMPLAINANTS,

VS.

STATE OF NEW JERSEY ET AL.

HERE FOLLOWS COMPLAINANTS' EXHIBIT No. 188.

Showing Report of Bacteriological Examinations of Samples of
Water and Oysters of Bed No. 490.

JAMES D. MAHER,
Commissioner.

LEOPOLD LABORATORIES
354 WEST 35TH STREET
NEW YORK CITY

*Gift presented to exhibit No. 188
James D. Maher
Commissioner*

REPORT

In the matter of

RESULTS OF BACTERIOLOGICAL EXAMINATIONS

OF SAMPLES OF OYSTERS AND WATER

COLLECTED BY G. W. SANDS

FROM THE WATERS OF OYSTER BED #490,

(DELIVERED TO THE BUREAU OF MARINE FISHERIES

CONSERVATION COMMISSION NEW YORK STATE),

AND DELIVERED BY HIM.



LEDERLE LABORATORIES

20-21 WEST 30th STREET

NEW YORK CITY

No. _____

Ex 188-P2

LAB. NO.	DATE COLLECTED	TIDE	WIND		WEATHER	OYSTERS		
			DIRECTION	VELOCITY		BACTERIA PER C.C.	SCORE	
							Total	Single
64,853	8/1/11	Flood	S. E.	Strong	Fair		230	87.5
64,365	8/14/11	L. of Ebb	S. E.	Strong	Cloudy		72	6.4
65,571	8/6/11						9	0.6
70,138	8/28/11	1st of Flood	S.	Light		1,176,000	410	82.0
71,155	8/9/11	High	E.	Light	Cloudy	170	14	2.8
71,783	9/23/11	1st of Flood	S. E.	Strong	Clear	1,800	41	8.2
72,882	10/11/11	Ebb	S. W.		Rain	110	41	8.2
73,198	10/21/11	1st of Ebb	E.	Strong	Rain	7,900	72	6.4
74,071	11/4/11	High	W.	Light	Cloudy	25,000	50	10.0
74,665	11/15/11	1st of Flood	W.	Strong	Clear	360	5	1.0
75,169	11/25/11	High	S.	Light	Clear	480	4	0.8
75,692	12/2/11	1/2 Ebb	W.	Light	Cloudy	630	2	0.4
76,078	12/9/11	High		Calm	Foggy	800	3	1.0
76,082	12/14/11	High	S.	Light	Rain	2,000	14	2.8
	2/26/12		N.W.	Brisk	Clear			
	3/24/12		N.	Light	Rain			
81,913	3/29/12	1/2 Ebb		Calm	Cloudy	278	14	2.8
	3/30/12	1/2 Flood	W.	Light	Clear			
	4/1/12	1/2 Ebb	W.	Light	Part Cloudy			
81,491	4/2/12	1/2 Ebb	E.	Calm	Rainy	520	2	0.4
82,391	4/4/12	Low	W.	Strong	Clear	180	1	0.2
	4/5/12	1/2 Flood	W.	Brisk	Clear			

S. COLI IN			WATER			S. COLI IN		
1.0 c.c.	0.1 c.c.	0.01 c.c.	LAB. NUMBER	TEMP. °F	Gelatin Count 48 hrs. @ 20°C	Agar Count 24 hrs. @ 37°C	0.1 c.c.	1 c.c.
3 + 0 -	4 + 0 -	2 + 1 -						
5 + 0 -	3 + 2 -	5 + 0 -						
3 + 2 -	2 + 8 -	0 + 5 -						
5 + 0 -	5 + 0 -	0 + 1 -						
5 + 0 -	1 + 4 -	0 + 5 -						
5 + 0 -	4 + 1 -	0 + 5 -	71,752		9,200	40	-	+
5 + 0 -	4 + 1 -	0 + 5 -	72,584		72,000	4,000	-	+
5 + 0 -	3 + 2 -	0 + 5 -	73,199		550	160	+	+
5 + 0 -	5 + 0 -	0 + 5 -	74,073		300	17	+	+
5 + 0 -	0 + 5 -	0 + 5 -	74,647		77	120	-	+
4 + 1 -	0 + 5 -	0 + 5 -	75,171		Liquefied	700	+	+
2 + 3 -	0 + 5 -	0 + 5 -	76,694		320	100	-	+
5 + 0 -	0 + 5 -	0 + 5 -	76,080		2,800	170	-	+
5 + 0 -	1 + 4 -	0 + 5 -	76,524		10,000	150	-	+
				37.5				
				33.0				
5 + 0 -	1 + 4 -	0 + 5 -		34.0				
				39.0				
				39.0				
2 + 3 -	0 + 5 -	0 + 5 -	81,491	42.0	500	110	-	+
1 + 4 -	0 + 5 -	0 + 5 -	82,392	42.0	580	55	-	+
				39.0				

Report on

LEDERLE LABORATORIES

39-41 WEST 38TH STREET

NEW YORK CITY

No. _____

Ex. 188-P 3

LAB. NO.	DATE COLLECTED	TIDE	WIND		WEATHER CONDITION	OYSTERS		
			DIRECT.	VELOCITY		BACTERIA PER C.C.	SCORE	
							Total	Single
	4/6/12	1/2 Flood	S.W.	Light	Clear			
	4/8/12	1/2 Flood	N.W.	Strong	Clear			
	4/9/12	L. of Ebb	W.	Brisk	Clear			
82,881	4/10/12	1/2 Ebb	S.W.	Light	Rain	4,100	2	0.4
	4/11/12		W.	Brisk	Clear			
83,082	4/12/12	Low	E.	Light	Clear	35,000	5	1.0
	4/13/12	1/2 Ebb	E.	Brisk	Rainy			
	4/15/12	1/2 Flood	E.	Moderate	Part Cloudy			
83,240	4/16/12	High	N.	Light	Cloudy	1,120	32	6.4
	4/17/12	L. of Flood	E.	Light	Rain			
	4/18/12	L. of Flood	E.	Light	Rain			
83,401	4/19/12	L. of Flood	W.	Brisk	Rain	600	5	1.0
	4/20/12	1/2 Ebb	N.W.	Brisk	Clear			
83,596	4/22/12	1/2 Ebb	E.	Light	Cloudy	375	4	0.8
	4/24/12	L. of Flood	W.	Brisk	Clear			
83,804	4/25/12	1/2 Flood	W.	Strong	Clear	800	2	0.4
	4/27/12		S.E.	Light	Clear			
83,993	4/29/12	L. of Ebb	E.	Brisk	Rain	2,500	14	2.8
	4/30/12		E.	Brisk	Rain			
	5/1/12		S.	Light	Clear			
84,175	5/2/12	1/2 Flood	W.	Brisk		800	14	2.8
	5/3/12	High	S.	Light	Clear			

W A T E R									
B. COLI IN			LAB.	TEMP.	Gelatine	Agar Count	B. COLI IN		
1.0 c.c.	0.1 c.c.	0.01 c.c.	NUMBER	F °	Count 48	24 hrs. @	0.1 c.c.	1 c.c.	10 c.c.
-----	-----	-----	-----	-----	hrs. @ 20°C	37° C.	-----	-----	-----
				41.0					
				36.0					
				40.0					
2 + 3 -	0 + 5 -	0 + 5 -	82,882	43.0	500	46	-	+	+
				43.0					
5 + 0 -	0 + 5 -	0 + 5 -	83,083	44.0	49,000	2,600	-	+	+
				44.0					
				45.0					
5 + 0 -	3 + 2 -	0 + 5 -	83,241	49.0	27,000	141	-	+	+
				50.0					
				46.0					
5 + 0 -	0 + 5 -	0 + 5 -	83,402	46.0	2,100	80	+	+	+
				46.0					
4 + 1 -	0 + 5 -	0 + 5 -	83,597	54.0	55,000	41	+	+	+
				47.0					
2 + 3 -	0 + 5 -	0 + 5 -	83,805	47.0	160,000	90	-	+	+
				49.0					
5 + 0 -	1 + 4 -	0 + 5 -	83,994	47.0	13,500	100	+	+	+
				47.0					
				48.0					
5 + 0 -	1 + 4 -	0 + 5 -	84,176	48.0	550	65	-	+	+
				48.0					

Report re

LEDERLE LABORATORIES

39-41 WEST 38th STREET

NEW YORK CITY

No. _____

Ex 188-P. 4

LAB. NO.	DATE COLLECTED	TIDE	WIND		WEATHER CONDITION	OYSTERS		
			DIRECT.	VELOCITY		BACTERIA PER C.C.	SCORE	
							Total	Single
	5/4/12	1/2 Flood	W.	Light	Clear			
84,380	5/5/12	1/2 Flood	E.	Brisk	Cloudy	800	5	1.0
	5/7/12	Low	E.	Moderate	Rain			
	5/8/12	1/2 Flood	E.	Moderate	Rain			
	5/9/12	Low	W.	Moderate	Showers			
84,754	5/10/12	1st Flood	N. W.	Strong	Clear	4,500	23	4.6
	5/11/12	Low	S.E.	Brisk	Part Cloudy			
	5/13/12	1/2 Ebb	S.	Brisk	Showers			
84,916	5/14/12	High	N.W.	Brisk	Clear	350	14	2.8
	5/15/12	1st of Ebb	E.	Brisk	Rainy			
85,032	5/16/12	L. of Flood		Calm	Rainy	4,500	50	10.0
	5/17/12	L. of Flood	W.	Brisk	Clear			
	5/18/12	1/2 Flood	W.	Brisk	Clear			
	5/20/12	1st Flood	E.	Moderate	Clear			
85,310	5/21/12	1st of Ebb	W.	Strong	Clear	2,800	23	4.6
	5/22/12	1st of Ebb	W.	Brisk	Clear			
85,468	5/23/12	Low	E.	Light	Part Cloudy	840	32	5.4
	5/24/12	L. of Ebb	S.E.	Moderate	Part Cloudy			
	5/25/12	L. of Ebb	N.W.	Moderate	Clear			
85,630	5/27/12	1st of Ebb	S.	Light	Clear	38,000	50	10.0
	5/28/12	High	S.	Brisk	Cloudy			

B. COLI IN			WATER						
1.0 c.c.	0.1 c.c.	0.01 c.c.	LAB. NUMBER	TEMP. F °	Gelatin Count 48 hrs. @ 20° C	Agar Count 24 hrs. @ 37° C	B. COLI IN		
							0.1 c.c.	1 c.c.	10 c.c.
				49.0					
5 + 0 -	0 + 5 -	0 + 5 -	84,381	51.0	550	39	-	+	+
				50.0					
				51.0					
				50.0					
5 + 0 -	2 + 3 -	0 + 5 -	84,755	51.0	17,500	38	-	-	+
				52.0					
				56.0					
5 + 0 -	1 + 4 -	0 + 5 -	84,916	52.0	Liquefied	35	-	+	+
				52.0					
5 + 0 -	5 + 0 -	0 + 5 -	85,033	59.0	Liquefied	50	-	+	+
				60.0					
				60.0					
				55.0					
5 + 0 -	2 + 3 -	0 + 5 -	85,311	59.0	35,500	190	-	+	+
				58.0					
5 + 0 -	3 + 2 -	0 + 5 -	85,469	56.0	300	40	-	+	+
				59.0					
				67.0					
5 + 0 -	5 + 0 -	0 + 5 -	85,631	62.0	2,500	300	-	+	+
				60.0					

Report to

LEDERLE LABORATORIES

30-41 WEST 38TH STREET

NEW YORK CITY

No. _____

Ex/88-P.5

LAB. NO.	DATE COLLECTED	TIME	WIND		WEATHER CONDITION	OYSTERS		
			DIRECT.	VELOCITY		BACTERIA PER C.C.	SCORE	
							Total	Single
	5/29/12	L. of Flood	W.	Moderate	Clear			
	5/30/12	1st of Ebb	S.E.	Moderate	Cloudy			
85,928	5/31/12	1/2 Flood	N. W.	Strong	Clear	2,900	5	1.0
86,090	6/3/12	1/2 Flood	W.	Light	Clear	31,000	410	82.0
	6/6/12	1/2 Ebb	S.	Brisk	Rainy			
86,388	6/7/12	1/2 Ebb	N. W.	Strong	Clear	29,000	140	28.0
86,539	6/11/12	High	N. W.	Moderate	Clear	2,000	23	4.6
86,944	6/17/12	1st Flood		Calm	Cloudy	Uncountable	500+	100+
87,470	6/25/12	High	S.	Light	Showers	4,200	23	4.6
87,828	7/2/12	1/2 Flood	S. W.	Brisk	Clear	7,000	23	4.6
88,210	7/9/12	L. of Ebb		Calm	Cloudy	520,000	32	6.4
88,533	7/16/12	L. of Flood		Calm	Cloudy	2,600	140	28.0
89,088	7/24/12	1/2 Ebb	N. W.	Light	Cloudy	230	4	0.8
89,609	7/30/12	L. of Flood		Calm	Clear	6,900	5	1.0
90,353	8/6/12	1/2 Ebb	S.	Moderate	Cloudy	400	5	1.0
90,916	8/14/12	1/2 Flood	N. W.	Moderate	Cloudy	7,400	230	46.0
91,372	8/20/12	1/2 Ebb	S. E.	Brisk	Cloudy	3,000	320	64.0
91,901	8/28/12	1st Flood	S. W.	Brisk	Cloudy	3,000	5	1.0
92,273	9/4/12	Low	E.	Light	Fog	3,200	32	6.4

B. COLI IN			WATER			B. COLI IN		
1.0 c.c.	0.1 c.c.	0.01 c.c.	LAB. NUMBER	TEMP. F °	Geletine Count 48 hrs. @ 20°C	Agar Count 24 hrs. @ 37°C	0.1 c.c.	1 c.c.
				82.0				
				82.0				
5 + 0 -	0 + 5 -	0 + 5 -	85,929	82.0	3,600	800	-	+
5 + 0 -	5 + 0 -	4 + 1 -	85,091	82.0	150,000	74,000	-	+
				82.8				
5 + 0 -	3 + 0 -	1 + 4 -	86,387	80.0	8,500	500	-	+
5 + 0 -	2 + 3 -	0 + 5 -	86,540	81.0	7,000	300	-	+
5 + 0 -	5 + 0 -	5 + 0 -	86,946	82.0	45,000	500	-	+
5 + 0 -	2 + 3 -	0 + 5 -	87,469	70.0	4,000	300	-	+
5 + 0 -	2 + 3 -	0 + 5 -	87,825	75.0	170	23	-	+
5 + 0 -	3 + 2 -	0 + 5 -	88,209	77.0	650	2	-	+
5 + 0 -	5 + 0 -	1 + 4 -	88,534	74.0	4,000	2,100	-	+
4 + 1 -	0 + 5 -	0 + 5 -	89,069	70.0	60	40	-	+
5 + 0 -	0 + 5 -	0 + 5 -	89,610	72.0	2,500	90	-	+
5 + 0 -	0 + 5 -	0 + 5 -	90,352	69.0	14	3	-	-
5 + 0 -	5 + 0 -	2 + 3 -	90,917	75.0	11,700	1,400	-	+
5 + 0 -	5 + 0 -	3 + 2 -	91,373	72.0	3,800	4,200	-	+
5 + 0 -	0 + 5 -	0 + 5 -	91,900	69.0	3,900	46	-	+
5 + 0 -	3 + 2 -	0 + 5 -	92,274	66.0	16	90	-	+

THE PEOPLE OF THE STATE OF NEW YORK,
COMPLAINANTS,

VS.

STATE OF NEW JERSEY ET AL.

HERE FOLLOWS COMPLAINANTS' EXHIBIT No. 189.

Showing Report of Bacteriological Examinations of Samples of
Oysters.

JAMES D. MAHER,
Commissioner.

LEDERLE LABORATORIES
33-41 WEST 35TH STREET
NEW YORK CITY

*Comptrolleur Ex. No. 189
James D. Maher
Commissioner*

REPORT

In the matter of

RESULTS OF BACTERIOLOGICAL EXAMINATIONS
OF SAMPLES OF OYSTERS
COLLECTED BY G. W. SANBORN
FROM THE WATERS OF OYSTER BEDS
(DESIGNATION OF THE BUREAU OF MARINE FISHERIES
CONSERVATION COMMISSION NEW YORK STATE),
IN RARITAN BAY AND
DELIVERED BY HIM.

* * *
* *
*

Report to

LEDERLE LABORATORIES

39-41 WEST 38th STREET

NEW YORK CITY

No. _____

E2189-P.2.

LAB. NO.	DATE COLLECTED	BED NO.	TIDE	WIND		WEATHER CONDITION
				DIRECT.	VELOCITY	
34,835	8/1/30	483	Flood	S. E.	Strong	Fair
34,396	9/14/30	483	1st Flood	N. E.	Strong	Cloudy
65,972	11/8/33	483				

BACTERIA PER C.C.	OYSTERS				
	SCORE		S. COLI IN		
	Total	Single	1.0 c.c.	0.1 c.c.	0.01 c.c.
	140	28.0	8 + 0 -	5 + 0 -	1 + 4 -
	50	10.0	8 + 0 -	5 + 0 -	0 + 5 -
	14	2.6	8 + 0 -	1 + 4 -	0 + 5 -

Report no.

LEDFRLE LABORATORIES

39-41 WEST 30th STREET

NEW YORK CITY

No. _____

Ex 189-P. 3.

LAB. NO.	DATE COLLECTED	BED NO.	TIDE	WIND		WEATHER CONDITION
				DIRECT.	VELOCITY	
54,831	9/1/10	498	Flood	S. E.	Strong	Fair
56,347	9/14/10	498	1st Flood	E. E.	Strong	Cloudy
56,348	9/14/10	289	1st Flood	S. E.	Strong	Cloudy
61,570	2/6/11	787				

OYSTERS					
BACTERIA PER C.C.	SCORE		B. COLI IN		
	Total	Single	1.0 c.c.	0.1 c.c.	0.01 c.c.
	14	2.8	5 + 0 -	1 + 4 -	0 + 5 -
	23	4.6	5 + 0 -	2 + 3 -	0 + 5 -
	32	6.4	5 + 0 -	3 + 1 -	0 + 5 -
	8	0.4	2 + 3 -	0 + 5 -	0 + 5 -

Report re

LEDERLE LABORATORIES

39-41 WEST 38TH STREET

NEW YORK CITY

No. _____

Ex 189-P. 4.

LAB. NO.	DATE COLLECTED	BED NO.	TIDE	WIND		WEATHER CONDITION
				DIRECT.	VELOCITY	
56,354	9/14/10	688	L. of Ebb	N. E.	Strong	Cloudy
70,727	8/28/11	688	1st Flood	S.	Light	
71,156	9/9/11	688	High	E.	Light	Cloudy
56,353	9/14/10	354	L. of Ebb	N. E.	Strong	Cloudy

OYSTERS					
BACTERIA PER C.C.	SCORE		E. COLI IN		
	Total	Single	1.0 c.c.	0.1 c.c.	0.01 c.c.
	32	6.4	5 + 0 -	3 + 2 -	0 + 5 -
50,000	320	64.0	5 + 0 -	5 + 0 -	3 + 2 -
290	32	6.4	5 + 0 -	3 + 2 -	0 + 5 -
	23	4.6	5 + 0 -	2 + 3 -	0 + 5 -

Report to

LEDERLE LABORATORIES

No. _____

39-41 WEST 38TH STREET

NEW YORK CITY

Ex 189-P.5.

LAB. NO.	DATE COLLECTED	BED NO.	TIDE	WIND		WEATHER CONDITION
				DIRECT.	VELOCITY	
54,834	8/1/10	891	Flood	S. E.	Strong	Fair
56,350	9/14/10	891	L. of Ebb	N. E.	Strong	Cloudy
56,349	9/14/10	913	L. of Ebb	N. E.	Strong	Cloudy
56,349	9/14/10	929	L. of Ebb	N. E.	Strong	Cloudy
54,832	8/1/10	966	Flood	S. E.	Strong	Fair
56,351	9/14/10	966	L. of Ebb	N. E.	Strong	Cloudy

O Y S T E R S					
BACTERIA PER C.C.	SCORE		B. COLI IN		
	Total	Single	1.0 c.c.	0.1 c.c.	0.01 c.c.
41	8.2	5 + 0 -	4 + 1 -	0 + 5 -	
50	10.0	5 + 0 -	5 + 0 -	0 + 5 -	
23	4.6	5 + 0 -	2 + 3 -	0 + 5 -	
23	4.6	5 + 0 -	2 + 3 -	0 + 5 -	
41	8.2	5 + 0 -	4 + 1 -	0 + 5 -	
41	8.2	5 + 0 -	4 + 1 -	0 + 5 -	

THE PEOPLE OF THE STATE OF NEW YORK,
COMPLAINANTS,

VS.

STATE OF NEW JERSEY ET AL.

HERE FOLLOWS COMPLAINANTS' EXHIBIT No. 190.

Showing Report of Bacteriological Examinations of Samples of
Oysters and Water.

JAMES D. MAHER,
Commissioner.

19
HIOLE LABORATORIES
241 WEST 38TH STREET
NEW YORK CITY

*Complaw sent Ex. No. 190,
James Donahoe
Commissioner*

REPORT

In the matter of

RESULTS OF BACTERIOLOGICAL EXAMINATIONS

OF SAMPLES OF OYSTERS AND WATER

COLLECTED BY G. W. SANBRO

FROM THE WATERS OF OYSTER BED #284.

(DESIGNATION OF THE BUREAU OF MARINE FISHERIES

CONSERVATION COMMISSION NEW YORK STATE),

AND DELIVERED BY HIM.

• • •

Report 79

LEDERLE LABORATORIES

30-41 WEST 30th STREET

NEW YORK CITY

No. _____

Ex 190-P.2.

LAB. NO.	DATE COLLECTED	TIDE	WIND		WEATHER CONDITION	OYSTERS		
			DIREC.	VELOCITY		BACTERIA PER C.C.	SCORE	
							Total	Single
56,358	9/14/10	L. Hbb	E. E.	Strong	Cloudy		50	10.0
66,573	8/8/11						23	4.6
70,728	9/28/11	1st Flood	S.	Light	Cloudy	5,400	140	28.0
70,729	9/28/11	1st Flood	S.	Light	Cloudy	4,000	50	10.0
70,730	9/28/11	1st Flood	S.	Light	Cloudy	184,000	80	10.0
71,184	9/9/11	High	E.	Light	Cloudy	800	32	6.4
71,764	9/23/11	1/2 Flood	E. E.	Strong	Clear	2,000	41	8.2
72,581	10/11/11	Hbb	S. W.		Rainy	210,000	140	28.0
73,199	10/21/11	High	E.	Strong	Rain	7,300	320	64.0
74,070	11/4/11	High	W.	Light	Cloudy	3,100	370	64.0
74,666	11/15/11	1st Flood	W.	Strong	Clear	800	14	2.8
75,170	11/24/11	High	S.	Light	Clear	80	4	0.8
75,691	12/2/11	1/2 Ebb	W.	Light	Cloudy	270	3	0.6
75,079	12/4/11	High		Calm	Raxy	300	14	2.8
75,821	12/18/11	High	E.	Light	Rainy	800	4	0.8

B. COLI IN			W A T E R						
1.0 c.c.	0.1 c.c.	0.01 c.c.	LAB. NUMBER	TEMP. F. °	Gelatin Count 48 hrs. @ 20°C	Agar Count 24 hrs. @ 37° C	B. COLI IN		
							0.1 C.C.	1 c.c.	10 c.c.
5 + 0 -	5 + 0 -	0 + 5 -							
5 + 0 -	2 + 3 -	0 + 5 -							
5 + 0 -	5 + 0 -	1 + 4 -							
5 + 0 -	5 + 0 -	0 + 5 -							
5 + 0 -	5 + 0 -	0 + 5 -							
5 + 0 -	5 + 2 -	0 + 5 -							
5 + 0 -	4 + 1 -	0 + 5 -	71,761		5,700	115	-	+	+
5 + 0 -	5 + 0 -	1 + 4 -	72,583		180,000	1,800	-	-	+
5 + 0 -	5 + 0 -	3 + 2 -	73,199		1,800	1,900	+	+	+
5 + 0 -	5 + 0 -	3 + 2 -	74,072		250	15	-	+	+
5 + 0 -	1 + 4 -	0 + 5 -	74,688		230	180	+	+	+
4 + 1 -	0 + 5 -	0 + 5 -	75,172		Liquefied	210	+	+	+
3 + 2 -	0 + 5 -	0 + 5 -	75,693		100	75	+	+	+
5 + 0 -	1 + 4 -	0 + 5 -	75,081		700	180	-	+	+
4 + 1 -	0 + 5 -	0 + 5 -	75,823		6,600	36	-	+	+

THE PEOPLE OF THE STATE OF NEW YORK,
COMPLAINANTS,

VS.

STATE OF NEW JERSEY ET AL.

HERE FOLLOWS COMPLAINANTS' EXHIBIT No. 191.

Showing Collection of Samples of Oysters from Bed 490.

JAMES D. MAHER,
Commissioner.